

VOLUME 55 • CONTENTS

No 1 JANUARY 1996

Leader

- 1 Tendon lessons and soft tissue rheumatism—great outback or great opportunity? *T E Cawston, GP Riley, B L Hazleman*

Now and Then

- 4 The language of rheumatology. I: Nomenclature and coding *D Symmons, S Sant*

Review

- 7 Nitric oxide *A J Farrell, D R Blake*

Lesson of the month

- 21 Not all stoops are due to osteoporosis *M R Ehrenstein, T Stoll, J C W Edwards*

Notes/News

- 24 Forthcoming events

Extended reports

- 25 Association of hand and knee osteoarthritis: evidence for a polyarticular disease subset *R Hirsch, M Leihbridge-Cejku, W W Scott Jr, R Reichle, C C Plato, J Tobin, M C Hochberg*
- 30 Analysis of the association between chondrocalcinosis and osteoarthritis: a community based study *R Sanmarti, E Kanterewicz, M Pladevall, D Pañella, J B Tarradellas, J M Gomez*
- 34 Associations of HLA-DRB and -DQB genes with two and five year outcome in rheumatoid arthritis *K Eberhardt, E Fex, U Johnson, F A Wollheim*
- 40 Cellular immunity to cartilage aggrecan core protein in patients with rheumatoid arthritis and non-arthritis controls *N J Goodstone, M C Doran, R N Hobbs, R C Butler, J J Dixey, B A Ashton*
- 47 Synovial fluid and serum concentrations of aminoterminal propetide of type III procollagen in healthy volunteers and patients with joint disease *M Sharif, E George, P A Dieppe*
- 52 Computer based quantitative analysis of capillary abnormalities in systematic sclerosis and its relation to plasma concentration of von Willebrand factor *A Scheja, A Åkesson, I Niewierowicz, L Wallin, M Wildt, F A Wollheim*
- 57 Increased release of von Willebrand factor antigen from endothelial cells by anti-DNA autoantibodies *K N Lai, J C K Leung, K B Lai, F M Lai, K C Wong*

Concise reports

- 63 Effect of HLA type and hypocomplementaemia on the expression of parvovirus arthritis: one year follow up of an outbreak *N S T Gendi, K Gibson, B P Wordsworth*
- 66 Relationship between genotype for the cytochrome P450 CY2D6 and susceptibility to ankylosing spondylitis and rheumatoid arthritis *C Beyeler, M Armstrong, H A Bird, J R Idle, A K Daly*
- 69 Expression of rheumatoid arthritis in two ethnic Jewish Israeli groups *M Amit, D Guedj, A J Wysenbeek*
- 73 Redundancy of conventional articular response variables used in juvenile chronic arthritis clinical trials *N Ruperto, E H Giannini*

Matters arising

- 76 Commented glossary for rheumatic spinal diseases *J Braun, J Sieper, B M Rothschild, W W Dohlmann, L Hering, R J François*
- 78 Destructive large joint arthritis *A J Richards, M Regan*

No 2 FEBRUARY 1996

Leader

- 79 Tendicap: not just another NSAID? *J M G Carvin, R Madhok*

Now and Then

- 83 The language of rheumatology. II: Classification and grouping *D Symmons*

Notes/News

- 87 Forthcoming events

Books review

- 88 A field guide to joint disease in archaeology

Extended reports

- 89 Occurrence of rheumatoid arthritis is not increased in the first degree relatives of a population based inception cohort of inflammatory polyarthritis *M A Jones, A J Silman, S Whiting, E M Barrett, D P M Symmons*
- 94 Oral contraception, parity, breast feeding, and severity of rheumatoid arthritis *C Jørgensen, M C Picot, C Bologna, J Sany*
- 99 Cervical spine surgery in patients with rheumatoid arthritis: an appraisal *E R McCorie, P McLoughlin, T Russell, I Beggs, G Nuki, N P Hurst*
- 105 Spiking of the tibial tubercles—a radiological feature of osteoarthritis? *S Donnelly, D J Hart, D V Voyle, T D Spector*
- 109 Prevalence and possible pathological significance of calcium phosphate salt accumulation in tendon matrix degeneration *G P Riley, R L Harrall, C R Constant, T E Cawston, B L Hazleman*
- 116 Assessment of the European classification criteria for Sjögren's syndrome in a series of clinically defined cases: results of a prospective multicentre study *C Vitali and the European Study Group on Diagnostic Criteria for Sjögren's Syndrome*
- 122 Von Willebrand factor, thrombomodulin, thromboxane, β -thromboglobulin and markers of fibrinolysis in primary Raynaud's phenomenon and systemic sclerosis *A L Herrick, K Illingworth, A Blann, C R M Hay, S Hollis, M I V Jayson*

- 128 Neutrophil adhesion to endothelial cells and factors affecting adhesion in patients with Behçet's disease
Ş Şahin, T Akoğlu, H Direskeneli, L S Şen, R Lawrence
- Concise reports**
- 134 Choosing the best method for radiological assessment of patellofemoral osteoarthritis *F M Cicuttini, J Baker, D J Hart, T D Spector*
- 137 Calcification of the transverse ligament of the atlas in chondrocalcinosis: computed tomography study *A Constantin, F Marin, E Bon, M Fedele, B Largarigue, G Boueiller*
- 140 Prediction of fractures in perimenopausal women: a comparison of dual energy \times ray absorptiometry and broadband ultrasound attenuation *A Stewart, D J Torgerson, D M Reid*
- 143 Changes in bone mass during low dose corticosteroid treatment in patients with polymyalgia rheumatica: a double blind, prospective comparison between prednisolone and deflazacort *M R Krogsgaard, G Thamsborg, B Lund*
- Letters to the editor**
- 147 Increased type I Collagen degradation is associated with a need for total joint replacement surgery in rheumatoid arthritis *S Aman, M Hakala, L Risteli, J Risteli*
- 147 Polymyalgic presentation of the enterovirus infection: a cause of diagnostic confusion *R J Stevens, R A Hughes*

No 3 MARCH 1996

- Leader**
- 149 Haemopoietic stem and progenitor cells in the treatment of severe autoimmune diseases *A Tyndall, A Gratwohl*
- Lesson of the month**
- 152 Chest pain in patients with rheumatoid arthritis *J C Martin, J Harvey, J Dixey*
- Notes/News**
- 154 Forthcoming events
- Book reviews**
- 155 Priorities in health care: ethics, economy, implementation • Self-assessment picture tests in rheumatology
- Extended reports**
- 157 Diagnostic and prognostic characteristics of the enzyme linked immunosorbent rheumatoid factor assays in rheumatoid arthritis *H Visser, L B S Gelinck, A H Kampfraath, F C Breedveld, J M W W Hazes*
- 162 Course and characteristics of anaemia in patients with rheumatoid arthritis of recent arthritis onset *H R M Peeters, M Jongen-Lavrencic, A N Raja, H S Ramdin, G Vreugdenhil, F C Breedveld, A J G Swaak*
- 169 A 10 year follow up of parenteral gold therapy in patients with rheumatoid arthritis *G Bendix, A Bjelle*
- 177 Osteoarticular manifestations of pustulosis palmaris et plantaris and of psoriasis: two distinct entities *O Mejjad, A Daragon, J P Louvel, L F Da Silva, E Thomine, P Lauret, X LE Loët*
- 181 Effects of transforming growth factor β s and basic fibroblast growth factor on articular chondrocytes obtained from immobilised rabbit knees *R Okazaki, A Sakai, T Nakamura, N Kunigita, T Norimura, K Suzuki*
- Concise reports**
- 187 Retinal toxicity in long term hydroxychloroquine treatment *M Mavrikakis, S Papazoglou, P P Sfrikakis, G Vaiopoulos, K Rougas*
- 190 Factors associated with the development of vasculitis in rheumatoid arthritis: results of a case-control study *A E Voskuyl, A H Zwinderman, M L Westedt, J P Vandenbroucke, F C Breedveld, J M W W Hazes*
- 193 High prevalence of arthropathy in HTLV-I carriers on a Japanese island *S Motokawa, T Hasunuma, K Tajima, A M Krieg, S Ito, K Iwasaki, K Nishioka*
- 196 Lateral bone density bone measurements in osteoarthritis of the lumbar spine *D J Peacock, P Egger, P Taylor, M I D Cawley, C Cooper*
- 199 Intra-articular guanethidine injection for resistant shoulder pain: a preliminary double blind study of a novel approach *K Gado, P Emery*
- 202 Salivary eicosanoid concentration in patients with Sjögren's syndrome *M Tishler, I Yaron, A Raz, F A Meyer, M Yaron*
- 205 Antimyeloperoxidase antibodies in individuals with occupational exposure to silica *I Wichmann, J Sanchez-Roman, J Morales, M J Castillo, C Ocaña, A Nuñez-Roldan*
- 208 Gastrointestinal involvement in Behçet's syndrome: a controlled study *S Yurdakul, N Tüzüner, İ Yurdakul, V Hamuryudan, H Yazici*

No 4 APRIL 1996

- Leader**
- 211 A unifying hypothesis for the mechanism of NSAID related gastrointestinal toxicity *T Mahmud, D L Scott, I Bjarnason*
- Lesson of the month**
- 214 Post-traumatic leg ulcer *M R Holbrook, M Doherty, R J Powell*
- Notes/News**
- 216 Forthcoming events
- Books reviews**
- 217 L'Actualité Rhumatologique 1995 • Practical rheumatology
- Extended reports**
- 218 Can methotrexate be used as a steroid sparing agent in the treatment of polymyalgia rheumatica and giant cell arteritis? *M J van der Veen, H J Dinant, C van Booma-Frankfort, G A van Albada-Kuipers, J W J Bijlsma*

- 224 Incidence of ovarian failure in systemic lupus erythematosus after treatment with pulse cyclophosphamide
E M McDermott, R J Powell
- 230 Plasminogen activators and their inhibitors in synovial fluids from normal, osteoarthritis, and rheumatoid arthritis knees
C Belcher, F Fawthrop, R Bunning, M Doherty
- 237 Divergent effects of methotrexate on the clonal growth of T and B lymphocytes and synovial and adherent cells from patients with rheumatoid arthritis
A Nakajima, M Hakoda, H Yamanaka, N Kamatani, S Kashitazaki
- 243 Serum p55 and p75 tumour necrosis factor receptors as markers of disease activity in juvenile chronic arthritis
M Gattorno, P Picco, A Buoncompagni, F Stalla, P Facchetti, M P Sormani, V Pistoia
- 248 Impaired activity of protease inhibitors towards neutrophil elastase bound to human articular cartilage
K Kawabata, A R Moore, D A Willoughby
- 253 Decreased birefringence of the superficial zone collagen network in the canine knee (stifle) articular cartilage after long distance running training, detected by quantitative polarised light microscopy
J P A Arokoski, M M Hyttinen, T Lapveteläinen, P Takács, B Kosztáczky, L Módos, V Kovanen, H J Helminen
- Concise reports**
- 265 How effective is therapeutic ultrasound in the treatment of heel pain? *F Crawford, M Snaith*
- 268 HLA class I associations of ankylosing spondylitis in the white population in the United Kingdom
M A Brown, K D Pile, L G Kennedy, A Calin, C Darke, J Bell, B P Wordsworth, F Cornélis
- Matters arising**
- 271 Should the MHAQ ever be used? *M A Belmonte Serrano, J B Fabregat, G Stucki, S Stucki, P Brühlmann, B A Michel*
- 272 Epidemiology of adult Still's disease
C A Dunne, J Davies, G Magadur-Joly
- Letter to the editor**
- 272 Racial variation in rheumatoid arthritis
W W H James
- Correction**
- 272 Association of hand and knee osteoarthritis: evidence for a polyarticular disease subset
R Hirsch et al

No 5 MAY 1996

Leader

- 273 Methotrexate and liver toxicity: role of surveillance liver biopsy
W W Hassan
- 275 Problems with pain—is the messenger to blame?
B L Kidd

Review: Pain

- 276 Pathophysiology of joint pain
B L Kidd, V H Morris, L Urban

Lesson of the month

- 284 The diagnostic challenge of acute polyarthritis
I A Wamuo, P I Pitt

Notes/News

- 286 Forthcoming events

Book Review

- 287 Stress proteins in medicine

Extended reports

- 288 Changes in (markers of) bone metabolism during high dose corticosteroid pulse treatment in patients with rheumatoid arthritis
W W F Lems, M I Gerrits, J W W G Jacobs, R M van Vugt, H J M van Rijn, J W J Bijlsma
- 294 Signalling through neutrophil FcγRIII, and CD59 is not impaired in active rheumatoid arthritis
J Jones, I Laffafian, T Lawson, B D Williams, B P Morgan
- 298 Constitutive expression of c-fos and c-jun, overexpression of ets-2, and reduced expression of metastasis suppressor gene nm23-H1 in rheumatoid arthritis
S Dooley, I Herlitzka, R Hanselmann, A Ermis, W Henn, K Remberger, T Hopf, C Welter
- 305 Intravital microscopy and capillaroscopically guided nail fold biopsy in scleroderma
A F G von Bierbrauer, H D Mennel, J A Schmidt, P von Wichert
- 311 B cell clonality in gastric lymphoid tissues of patients with Sjögren's syndrome
G F Ferraccioli, D Sorrentino, S De Vita, L Casatta, A Labombarda, C Avellini, R Docetti, D Di Luca, C A Beltrami, M Boiocchi, E Bartoli

Concise reports

- 317 Association of two loci on chromosome 2q with nodal osteoarthritis
G D Wright, A E Hughes, M Regan, M Doherty
- 320 Interobserver reliability in measuring flexion, internal rotation, and external rotation of the hip using a pluriometer
P R Croft, E S Nahit, G J Macfarlane, A J Silman
- 324 Concentrations of pyridinoline and deoxypyridinoline in joint tissues from patients with osteoarthritis or rheumatoid arthritis
M Takahashi, K Kushida, H Hoshino, M Suzuki, M Sano, S Miyamoto, T Inoue
- 328 Low dose desensitisation does not reduce the toxicity of sulphasalazine in rheumatoid arthritis
I B McInnes, D Porter, E A Murphy, E A Thomson, R Madhok, J A Hunter, T Pullar, H A Capell

Matters arising

- 331 Bone mineral density and bone turnover in spinal osteoarthritis
J Dequeker, J-M Mbuyi-Muamba

Letters to the editor

- 331 Effect of isradipine on endothelin-1 plasma concentrations in patients with Raynaud's phenomenon
L La Civita, D Giuggioli, M G Del Chicca, G Longombardo, G Pasero, C Ferri
- 332 Survival after aortic dissection in giant cell arteritis
M P Richardson, A M L Lever, A M Fink, A K Dixon, B L Hazleman
- 333 Antibodies to collagens in sera from patients receiving bovine cartilage grafts
M Sittlinger, R Jerez, G R Burmester, T Krafft, W Spitzer

Leaders

- 335 Evolution of osteoporosis *D W Purdie*
 338 Clinical usefulness of risk factors for osteoporosis *S A Earnshaw, D J Hosking*

Review: Pain

- 340 Psychological aspects of pain *R G Large*

Case studies in diagnostic imaging

- 346 Multiple painful bone cysts in a young man *F J Ballina-García, M R Queiro-Silva, R Molina-Suárez, J Fernández-Martínez, M Rívela-Vázquez, A Rodríguez-Pérez*

Lesson of the month

- 350 One patient, two unusual conditions and three basic lessons *J M M Gardner-Medwin, R J Powell*

Acknowledgments

- 353 To assessors in 1995

Notes/News

- 354 Editor's report •Forthcoming events

Extended reports

- 356 Radiological progression of hip osteoarthritis: definition, risk factors and correlations with clinical status
M Dougados, A Gueguen, M Nguyen, L Berdah, M Lequesne, B Mazieres, E Vignon
 363 Role of enteric bacteria in the pathogenesis of rheumatoid arthritis: evidence for antibodies to enterobacterial common antigens in rheumatoid sera and synovial fluids *S Aoki, K Yokoyama, T Nonogaki, S Iwasaki, T Mitsui, S Niwa*
 370 Investigation of anal function in patients with systematic sclerosis *A L Herrick, J D Barlow, A Bowden, N Williams, A R Hobson, M Irving, M I V Jayson*
 375 Interleukin-4 inhibits prostaglandin E₂ production by freshly prepared adherent rheumatoid synovial cells via inhibition of biosynthesis and gene expression of cyclo-oxygenase II but not of cyclo-oxygenase I
E Sugiyama, H Taki, A Kuroda, T Mino, N Yamashita, M Kobayashi
 383 Protection against peroxynitrite dependent tyrosine nitration and α_1 -antiproteinase inactivation by some anti-inflammatory drugs and by the antibiotic tetracycline *M Whiteman, H Kaur, B Halliwell*
 388 Arthroplasty implant biomaterial particle associated macrophages differentiate into lacunar bone absorbing cells *R Pandey, J Quinn, C Joyner, D W Murray, J T Triffitt, N A Athanasou*

Concise reports

- 396 Carpal tunnel syndrome: evaluation of a new method of assessing median nerve conduction at the wrist
C A Dunne, P W Thompson, J Cole, J Dunning, C N Martyn, D Coggon, C Cooper
 399 Antiubiquitin antibody in localised and systematic scleroderma *M Fujimoto, S Sato, H Ihn, K Kikuchi, T Tamaki, K Takehara*

Letters to the editor

- 403 What is meant by 'rheumatoid'? *R Lagier*
 403 Interleukin-6 in clinical relapses of polymyalgia rheumatica and giant cells arteritis *D Caplanne, J-M Le Parc, J-A Alexandre*
 404 Role of androgens in the aetiology of rheumatoid arthritis *P Brennan, A Silman*

Leader

- 405 MRI and arthroscopic surgery: a combined breakthrough in management of shoulder pain
L Turner-Stokes

Viewpoint

- 407 Should patients with recent onset rheumatoid arthritis be offered genetic screening? *D P M Symmons, W E R Ollier, P Brennan, A J Silman*

Review: Pain

- 411 Cerebral mechanisms operating in the presence and absence of inflammatory pain *A K P Jones, S W G Derbyshire*

Lesson of the month

- 421 Systematic lupus erythematosus: an occasional misdiagnosis *D A Collins, B E Bourke*

Notes/News

- 423 Forthcoming events

Extended reports

- 424 Intra-articular hyaluronan injections in the treatment of osteoarthritis of the knee: a randomised, double blind, placebo controlled multicentre trial *L S Lohmander, N Dalén, G Englund, M Hämäläinen, E M Jensen, K Karlsson, M Odensten, L Ryd, I Sernbo, O Suomalainen, A Tegnander, for the Hyaluronan Multicentre Trial Group*
 432 Association between synovial fluid levels of inorganic pyrophosphate and short term radiographic outcome of knee osteoarthritis *M Doherty, C Belcher, M Regan, A Jones, J Ledingham*
 437 Increased serum and synovial fluid antibodies to immunoselected peptides in patients with rheumatoid arthritis *A Dybwad, Ø Førre, M Sioud*
 442 Localisation of apoptosis and expression of apoptosis related proteins in the synovium of patients with rheumatoid arthritis *M Sugiyama, T Tsukazaki, A Yonekura, S Matsuzaki, S Yamashita, K Iwasaki*
 450 Cardiac manifestations in primary Sjögren's syndrome *M Gyöngyösi, G Pokorny, Z Jambrik, L Kovács, A Kovács, É Makula, M Csanády*
 455 Diastolic abnormalities in systematic sclerosis: evidence for associated defective cardiac functional reserve
G Valentini, D F Vitale, A Giunta, S Maione, G Gerundo, M Arnesi, E Tirri, N Pelaggi, A Giacommo, G Tirri, M Condorelli

- 461 Arterial wall thickness measurements by B mode ultrasonography in patients with Takayasu's arteritis
R O Raninen, M M Kupari, M S Pamiilo, R I Pajari, V-P Poutanen, P E Hekali
- 466 Proteoglycans in articular cartilage revealed with a quick freezing and deep etching method
H Toriumi, H Nakagawa, H Ueda, C-G Leng, Y Fujii, S Ohno
- Concise reports**
- 475 Further evidence for genetic anticipation in familial rheumatoid arthritis
E McDermont, M A Khan, ARC UK National Repository, C Deighton
- 478 Urinary glucuronic acid excretion in rheumatoid arthritis: influence of disease activity and disease modifying drugs
R Addyman, C Beyeler, C Astbury, H A Bird
- 482 More pain, more tender points: is fibromyalgia just one end of a continuous spectrum?
P Croft, J Burt, J Schollum, E Thomas, G Macfarlane, A Silman
- 486 Hydroxychloroquine and lupus pregnancy: review of a series of 36 cases
H M M Buchanan, E Toubi, M A Khamashta, F Lima, S Kerslake, G R V Hughes
- Matters arising**
- 489 Associations of HLA-DRB and HLA-DRQ genes with two and five year outcomes in rheumatoid arthritis
D M Grennan, W Ollier, K Eberhardt
- Letter to editor**
- 489 Rheumatoid arthritis preceding the onset of polyarticular tophaceous gout
A Zonana-Nacach, G Alarcón, W W Daniel
- Correction**
- 490 Can methotrexate be used a steroid sparing agent in the treatment of polymyalgia rheumatica and giant cell arteritis?
van der Veen et al

No 8 AUGUST 1996

Leaders

- 491 Clinical trials in osteoarthritis
L M March, P M Brooks
- 494 The clinical utility of ANCA positivity
J D M Edger

Review: Pain

- 497 Chronic pain syndromes
S Carette

Lesson of the month

- 502 Chronic fatigue, arthralgia, and malaise
M M Gompels, G P Spickett

Notes/News

- 504 Forthcoming events

Book reviews

- 505 Rheumatoid arthritis: current trends in diagnostics, conservative treatment, and surgical reconstruction
- 506 The molecular biology and pathology of elastic tissues

Extended reports

- 507 Quantitative nailfold capillaroscopy findings in a population with connective tissue disease and in normal healthy controls
Y Kabasakal, D M Elvins, E F J Ring, N J McHugh
- 513 Neutral endopeptidase (EC 3.4.24.11) in labial salivary glands in healthy controls and in patient with Sjögren's syndrome
Y T Kontinen, J Törnwall, P Kemppinen, H Uusitalo, T Sorsa, M Hukkanen, J M Polak
- 520 Determination of IgA- and IgM-rheumatoid factors in patients with rheumatoid arthritis with and without nephropathy
M Nakano, Mueno, S Nishi, S Suzuki, H Hasegawa, T Watanabe, T Kuroda, S Ito, M Arakawa
- 525 Changes in cartilage proteoglycan aggrecan after intra-articular injection of interleukin-1 in rabbits: studies of synovial fluid and articular cartilage
C Lundberg, I Åsberg, M Ionescu, A Reiner, G Smedegård, A R Poole
- 535 Arthritis in mice induced by a single immunisation with collagen
F Kato, M Nomura, K Nakamura

Concise reports

- 540 Hypermobility associated with osteoarthritis of the thumb base: a clinical and radiological subset of hand osteoarthritis
H Jónsson, S Th Valtyrjótir, Ó Kjartansson, Á Brekkan
- 544 Is immunogenetic susceptibility to neuropsychiatric systemic lupus erythematosus (SLE) different from non-neuropsychiatric SLE?
L M Silva, E A Donadi
- 548 Eosinophils are a significant cellular component of rheumatoid synovium in patients with late stage disease: comparative distributions with mast cells and macrophages
L C Teitow, D E Woolley

Now and then

- 552 Recommendations for the registration of drugs used in the treatment of osteoarthritis
Group for the Respect of Ethics and Excellence in Science (GREES): osteoarthritis section

Letters to the editor

- 558 Clinical significance of antibodies against oxidised low density lipoprotein in early RA
L Paimela, T Helve, M Leirisalo-Repo, O Vaarala, G Alfthan, T Palosuo, K Aho
- 559 Age of onset in successive generations of patients with spondyloarthropathy
R Hertzberger-Ten Cate, B A C Dijkman
- 559 Quinine-induced lupus-like syndrome and cardiolipin antibodies
D Rosa-Re, F Garcia, J Gadcon, J Angrill, R Cervera
- 560 Scleroderma and the watermelon stomach
L D Carbone, K M McKown, R J St Hilaire, P J Dean, S B Kaplan, E L Cattau Jr
- 561 Improvement of severe pulmonary hypertension in a patient with SLE
M Karmochkine, B Wechsler, P Godeau, F Brenot, J-L Jagot, G Simonneau
- 562 Antibodies to ribosomal P proteins and hepatic damage in a patient with undifferentiated connective tissue disease
J C Torre, L Mozo, A Suárez, C Gutiérrez, E Ramos

Correction

- 563 Can methotrexate be used as a steroid sparing agent in the treatment of polymyalgia rheumatica and giant cell arteritis? *van der Veen et al*
Third international
 564 Overview *G Kingsley, J Sieper*
Workshop on Reactive Arthritis
 571 Abstracts

No 9 SEPTEMBER 1996

- Leader**
 585 Epidemiology of peripheral joint osteoarthritis *M Doherty, P Lanyon*
Review: Pain
 588 Management strategies for chronic pain *D M Justins*
Lesson of the month
 597 Chronic flexor tenosynovitis: missed diagnosis for a decade *L Morris, A Stevens, M Doherty*
Case studies in diagnostic imaging
 600 Back pain in the older patient *E Baumgartner, L Heitmann, B Duvoisin, A K L So*
Hypothesis
 603 Increased capillary permeability in systemic sclerosis: help or hindrance? *W Grassi, P Core, C Cervini*
Notes/News
 607 Forthcoming events
Extended reports
 608 Incidence of rheumatoid arthritis in Finland during 1980-1990 *O Kaipiainen-Seppänen, K Aho, H Isomäki, M Laakso*
 612 Parasympathetic dysfunction in rheumatoid arthritis patients with ocular dryness
P J Barendregt, G L van der Heijde, F C Breedveld, H M Markusse
 616 Antibody deficiency associated with gold treatment: natural history and management in 22 patients
N Snowden, D M Dietz, L S Teh, R C Hilton, M R Haeney
 622 Increased concentrations of bone sialoprotein in joint fluid after knee injury *L S Lohmander, T Saxne, D Heinegård*
 627 Restrictions of T cell receptor β chain repertoire in the peripheral blood of patients with systemic lupus erythematosus *M R Holbrook, P J Tighe, R J Powell*
 632 Cytokine production by endothelial cells infected with human T cell lymphotropic virus type I
H Takashima, K Eguchi, A Kawakami, Y Kawabe, K Migita, M Sakai, T Origuchi, S Nagataki
Concise reports
 638 Transplantation with allogenic bone marrow from a donor with systemic lupus erythematosus (SLE): successful outcome in the recipient and induction of an SLE flare in the donor *G Sturfelt, S Lenhoff, B Sallerfors, O Nived, L Truedsson, A G Sjöholm*
 642 Value of synovial fluid interleukin-1 β determination in predicting the outcome of psoriatic monoarthritis
L Punzi, N Bertazzolo, M Pianon, E Rizzi, P Rossini, P Gambari
 645 Grouped caging predisposes male mice to ankylosing enthesopathy *S Weinreich, J Caphova, B Hoebe-Hewryk, C Boog, P Ivanyi*
Letters to the editor
 648 Behçet disease: advantageous against development of neoplasia? *İ Çelîk, İ Barişta, G Tekuzman, E Kansu, S Kiraz, M Çalgıneri*
 648 Parvovirus B19 and acute joint swelling in rheumatoid arthritis patients *J R Kerr, W P Ferguson, S A McMillan, I N Bruce, A L Bell*
 649 Down syndrome with coexistent gout: report of six patients and possible reasons for the scarcity of descriptions of this association *N Kamatani, H Yamanaka, S Totokawa, S Kashitazaki, M Higurashi*
Supplement
 651 Workshop on Epidemiology of osteoarthritis in the peripheral joints, Örenäs, Sweden, February 1996
 651 Introduction *A Silman*
 625 Definition of hip osteoarthritis for epidemiological studies *M C Nevitt*
 656 Definitions of osteoarthritis in the knee and hand *L T H Jacobsson*
 659 Occurrence of osteoarthritis of the peripheral joints in European populations *I F Petersson*
 661 Occurrence of osteoarthritis outside Europe *P Croft*
 665 Genetics of osteoarthritis *F M Cicuttini, T D Spector*
 668 Does excess weight cause osteoarthritis and if so why? *D T Felson*
 671 Obstetric and gynaecological factors in susceptibility to peripheral joint osteoarthritis *A J Silman, J Newman*
 673 Sex hormones and the risk of osteoarthritis in women: epidemiological evidence *M C Nevitt, D T Felson*
 677 Osteoarthritis of the knee and physical load from occupation *E Vingård*
 680 Occupational activity and the risk of hip osteoarthritis *C Cooper, L Campbell, P Byng, P Croft, D Coggon*
 682 Physical activity at leisure and risk of osteoarthritis *N E Lane*
 685 Prognosis of osteoarthritis *M C Hochberg*
 689 Abstracts

No 10 OCTOBER 1996

- Leaders**
 695 Microscopic analysis of synovial fluid—the perfect diagnostic test? *A J Freemont*
 697 Surfing for rheumatologists—a guide to rheumatology resources on the Worldwide Web *N J Goulding*

Review

- 700 Current and potential future drug treatments for osteoporosis *S Patel*
 715 Review: Pain
 715 Novel pharmacological strategies for analgesia *M Perkins, A Dray*
 723 **Now and Then**
 723 Antinuclear antibody determination in a routine laboratory *T E W Feltkamp*
 728 **Lesson of the Month**
 728 An uncommon cause of finger drop in a patient with rheumatoid arthritis *S P McDonald, M D Smith*
 731 **Notes/News**
 731 Forthcoming events
Book review
 732 The vasculitides: science and practice
Extended reports
 733 Purine enzyme activities in recent onset rheumatoid arthritis: are there differences between patients and healthy controls? *J N Stolk, A M Th Boerbooms, R A De Abreu, P J S M Kerstens, D G M de Koning, R de Graaf, J Mulder, L B A van de Putte*
 739 Effect of recombinant human erythropoietin on anaemia and disease activity in patients with rheumatoid arthritis and anaemia of chronic disease: a randomised placebo controlled double blind 52 weeks clinical trial *H R M Peeters, M Jongen-Lavrencic, G Vreugdenhil, A J G Swaak*
 745 Increased circulating nerve growth factor is directly correlated with disease activity in juvenile chronic arthritis *F Falcini, M Matucci Cerinic, A Lombardi, S Generini, A Pignone, P Tirassa, M Ermini, L Lepore, G Partsch, L Aloe*
 749 Fractal signature analysis measures cancellous bone organisation in macroradiographs of patients with knee osteoarthritis *J C Buckland-Wright, J A Lynch, D G Macfarlane*
 756 Further validation of the BILAG disease activity index in patients with systemic lupus erythematosus *T Stoll, G Stucki, J Malik, S Pyke, D A Isenberg*
 761 Safety and efficacy of recombinant γ interferon in the treatment of systemic sclerosis *P G Vlachoyiannopoulos, N Tsiftetaki, I Dimitriou, D Galaris, S A Papiris, H M Moutsopoulos*
Concise reports
 769 Minocycline induced arthritis associated with fever, livedo reticularis, and pANCA *O Elkayam, M Yaron, D Caspi*
 772 Influence of interleukin 1 β on tenascin distribution in human normal and osteoarthritic cartilage: a quantitative immunohistochemical study *X Chevalier, P Claudepierre, N Groult, G-J Godeau*
 776 Association of complement alleles C4AQ0 and C4B5 with rheumatoid arthritis in Koreans *M H Park, M-D Oh, Y W Song, H J Pai, F Takeuchi, K Tokunaga, G H Hong, K S Park*
Letters to the editor
 779 Autologous haemopoietic stem cell transplantation in a patient with severe pulmonary hypertension complicating connective tissue disease *M Tamm, A Gratwohl, A Tichelli, A P Perruchoud, A Tyndall*
 780 The association between fibromyalgia and carpal tunnel syndrome in the general population *M Gimmino, M Parisi, G Moggiana, S Accardo*
Correction
 780 Torre *et al*

No 11 NOVEMBER 1996

Leader

- 781 Combination DMARD therapy for rheumatoid arthritis: a step closer to the goal *J R O'Dell*
 783 The misconduct of redundant publication *M Doherty*
Lesson of the month
 786 Ulnar deviation is not always rheumatoid *M Zuber, C Braun, M Pfreundschuh, W Püschel*
Case studies in diagnostic imaging
 789 Back pain in childhood *P N M Tyrrell, V N Cassar-Pullicino, S M Eisenstein, J F Monach, A J Darby, I W McCall*
Notes/News
 794 Notice of redundant publication • Forthcoming events
Book reviews
 796 ABC of rheumatology • Operative arthroscopy • Advances in experimental medicine and biology
Extended reports
 798 Comparison of high and low intensity training in well controlled rheumatoid arthritis. Results of a randomised clinical trial *C H M van den Ende, J M W Hazes, S le Cessie, W J Mulder, D G Belfor, F C Breedveld, B A C Dijkman*
 806 Relation between heel position and the distribution of forefoot plantar pressures and skin callosities in rheumatoid arthritis *J Woodburn, P S Hellinwell*
 811 Androgens as adjuvant treatment in postmenopausal female patients with rheumatoid arthritis *A Booi, C M Biewenga-Booi, O Huber-Bruning, C Cornelis, J W G Jacobs, J W J Bijlsma*
 816 Human osteoclast formation and bone resorption by monocytes and synovial macrophages in rheumatoid arthritis *Y Fujikawa, A Sabokbar, S Neale, N A Athanasou*
 823 *Staphylococcus aureus* nasal carriage in rheumatoid arthritis: antibody response to toxic shock syndrome toxin-1 *D Tabarya, W L Hoffman*
Concise reports
 829 Intra-articular corticosteroids are effective in osteoarthritis but there are no clinical predictors of response *A Jones, M Doherty*

- 833 An open study of pentoxifylline and thalidomide as adjuvant therapy in the treatment of rheumatoid arthritis *T W J Huizinga, B A C Dijkmans, E A van der Velde, T C T M van de Pijl Kraan, C L Verweij, F C Breedveld*
- 837 Glutathione reductase activity, riboflavin status, and disease activity in rheumatoid arthritis *D M Mulherin, D I Thurnham, R Deva Situnayake*
- 841 Thrombin receptor expression in rheumatoid and osteoarthritic synovial tissue *R Morris, P G Winyard, L F Brass, D R Blake, C J Morris*
- 844 Quantitation of IL-2R β 75 (CD122) expression on mononuclear cells in rheumatic disease *P Creamer, N D Hall*
- 848 Prospective study of the clinical value of determining circulating IgA- α_1 -antitrypsin complex using a prototype ELISA kit in patients with rheumatoid arthritis *K Iwana, S Aotsuka, K Nishioka*
- 852 Serum soluble interleukin-2 receptor levels in familial Mediterranean fever *E Erken, R Güneşçar, S Özbek, K Konca*
- Letters to the editor**
- 856 Magnetic resonance imaging: a useful technique in the diagnosis and follow up of focal myositis *C Moreno-Lugris, A González-Gay, A Sánchez-Andrade, R Blanco, D Basanta, D Ibañez, J Pulpeiro*
- 857 Sequential study of bone mineral density in patients with systemic lupus erythematosus *F Formiga, J M Nolla, I Moga, D Roig-Escofet*
- Matters arising**
- 857 Unilateral Heberden's nodes in a case of Erb-Duchenne paralysis *L Zorzin, M L Sorgi, G Palombi*
- 858 Camptocormia or cormoptosis? The etymology of the word *D Karras, J Vassilakos, D Kassimos*

No 12 DECEMBER 1996

- Leader**
- 859 The epidemiology of pain: the more you have, the more you get *P Croft*
- 861 How vigorously should we exercise our rheumatoid arthritis patients? *J M W Hazes, C H M van den Ende*
- Case studies in diagnostic imaging**
- 863 Hypertrophic osteoarthropathy following aortic surgery *F Dellestable, P Péri, D Régent, A Gaucher*
- Notes/News**
- 868 Notices • Forthcoming Events • Impact factor
- Extended reports**
- 870 Relation between insulin-like growth factor-I concentrations, osteoarthritis, bone density, and fractures in the general population: the Chingford study *M E Lloyd, D J Hart, D Nandra, T E McAlindon, M Wheeler, D V Doyle, T D Spector*
- 875 Assessing progression of patellofemoral osteoarthritis: a comparison between two radiographic methods *P Lanyon, A Jones, M Doherty*
- 880 Effect of sustained loading on the water content of intervertebral discs: implications for disc metabolism *D W McMillan, G Garbutt, M A Adams*
- 888 Complement in acute and chronic arthritides: assessment of C3c, C9, and protectin (CD59) in synovial membrane *Y T Kontinen, A Čeponis, S Meri, A Vuorikoski, P Kortekangas, T Sorsa, A Sukura, S Santavirta*
- 895 Annexin V autoantibodies in rheumatoid arthritis *M I Rodríguez-García, J A Fernández, A Rodríguez, M P Fernández, C Gutierrez, J C Torre-Alonso*
- 901 Development of a functional scoring system for rheumatoid arthritis patients with cervical myelopathy *A T H Casey, J Martin Bland, H Alan Crockard*
- 907 Shoulder capsulitis in type I and II diabetic patients: association with diabetic complications and related diseases *P E T Arkkila, I M Kantola, J S A Viikari, T Rönnemaa*
- 915 Hydroxyl radical generation by rheumatoid blood and knee joint synovial fluid *H Kaur, S E Edmonds, D R Blake, B Halliwell*
- Concise report**
- 921 Enthesopathy and tendinopathy in gout: computed tomographic assessment *J-C Gerster, M Landry, G Rappoport, G Rivier, B Duvoisin, P Schnyder*
- 924 Polymorphisms of the TAP1 and TAP2 transporter genes in Japanese SLE *F Takeuchi, K Nakano, H Nabeta, G H Hong, S Kuwata, K Ito*
- 927 Von Willebrand factor in the outcome of temporal arteritis *M C Cid, J Monteagudo, J Oristrell, J Vilaseca, L Pallarés, R Cervera, C Font, J Font, M Ingelmo, A Urbano-Márquez*
- 931 Screening for pain in knee osteoarthritis: which question? *S C O'Reilly, K R Muir, M Doherty*
- Matters arising**
- 934 Relation between fractional urate excretion and serum triglyceride concentrations *C P Quarantino, C Rucci, A Giacomello*
- 934 Should patients with recent onset of rheumatoid arthritis be offered genetic screening? *P Emery, M Salmon, J Gooti, D Symmons, W Ollier, P Brennan, A Silman*
- Letters to the editor**
- 935 Serum and synovial fluid levels of interleukin-5 in a patient with eosinophilic fasciitis *K Nishiya, N Tanimoto, K Hashimoto, M Hashizume, A Tominaga*
- 936 Incidence of hepatitis induced by non-steroidal anti-inflammatory drugs (NSAID) *P Trechot, P Gillet, G Gay, B Hanesse, P Netter, A Castot, D Larrey*
- 937 **Author index**
- 940 **Subject index**

